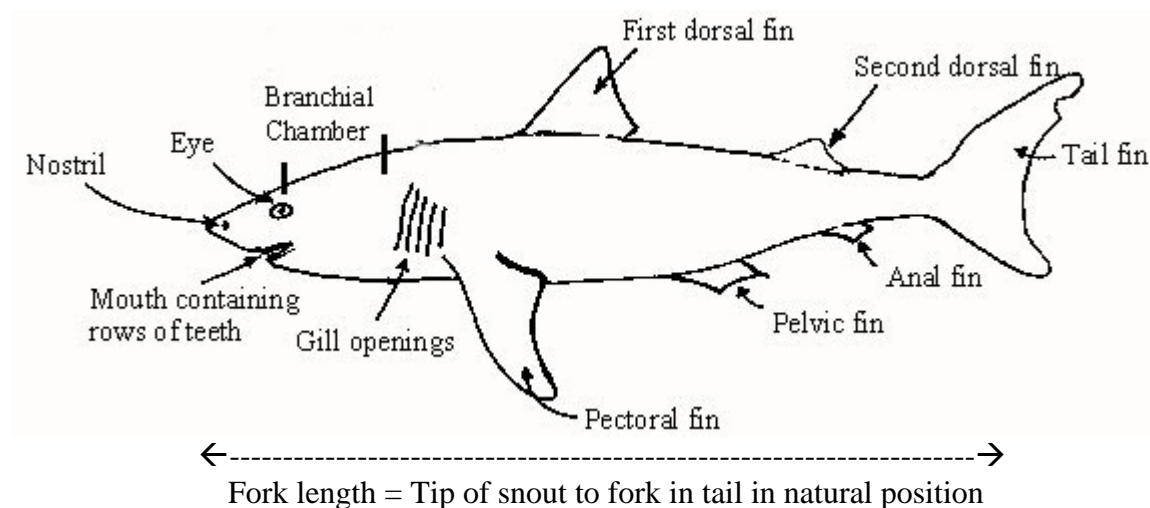**Shark Bioprofile Protocol for Shark Observers**
**NOAA Fisheries Panama City Laboratory**

- Collect samples only after the haul back is complete
- Ship samples to Dr. John Carlson, Dana Bethea, Lori Hale, or Ivy Baremore:

NOAA Fisheries Panama City Laboratory
3500 Delwood Beach Road Panama City, FL 32408
850-234-6541
FedEx # 150776147



Fork length = Tip of snout to fork in tail in natural position

Vertebra –
- On a Ziploc and waterproof label record:
  - OBS/TRIP# (e.g., XXX/###)
  - Species (Use 4-digit number code and abbreviation)
  - Specimen # (SBLOP only)
  - Fork length
  - Sex
  - Contents of bag
- Remove vertebra from the areas just behind the head (Branchial Chamber).  A large section of tissue containing the vertebra can be removed.
- Place sample in Ziploc bag and store on ice or freeze until shipping.


Stomachs –
- On a Ziploc and waterproof label record:
  - OBS/TRIP# (e.g., XXX/###)
  - Species (Use 4-digit number code and abbreviation)
  - Specimen # (SBLOP only)
  - Fork length
  - Sex
  - Contents of bag

- Remove stomach from esophagus (just after throat) through j-valve (just after stomach).
- Place sample in Ziploc bag and store on ice or freeze until shipping.
- If stomach is large, use string to tie up each end of the sample.

Fin clips –
- On a quart Ziploc and waterproof label record:
  - OBS/TRIP# (e.g., XXX/###)
  - Species (Use 4-digit number code and abbreviation)
  - Specimen # (SBLOP only)
  - Fork length
  - Sex
  - Contents of bag
- Remove a small portion of the trailing edge of the first or second dorsal fin.
- Place fin clip in vial with EtOH.
- Place vial and waterproof label in quart Ziploc.  Each vial gets its own Ziploc.

Reproduction –
  - Be sure to take a vertebrae with every reproductive sample taken!
- On a 2 gallon Ziploc record (if use garbage bag, include waterproof label):
  - OBS/TRIP# (e.g., XXX/###)
  - Species (Use 4-digit number code and abbreviation)
  - Specimen # (SBLOP only)
  - Fork length
  - Sex
  - Contents of bag
- Freeze all samples ASAP.